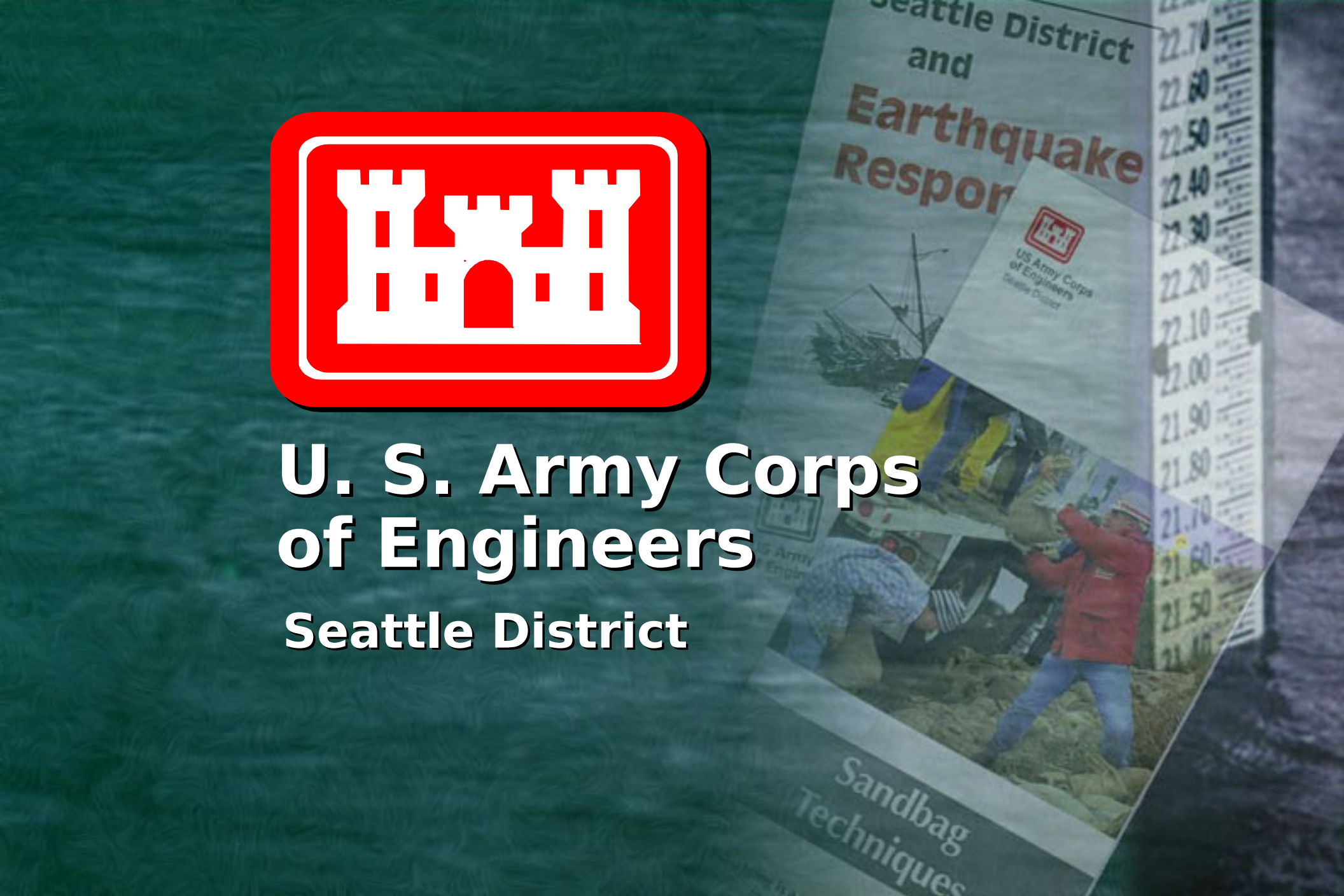


U. S. Army Corps of Engineers

Seattle District

Emergency Management Primary Authorities

- PL 84-99 Emergency Flood Protection Act of 1965, as amended, authorizes response before, during and after a disaster.
- PL 93-288, as amended, the Robert T. Stafford Disaster Relief and Emergency Assistance Act provides that the Corps and other federal agencies may be tasked by FEMA to provide disaster response, recovery and mitigation assistance to state and local governments.
- AR 500-60 gives Corps commanders the authority to provide resources if other authorities don’t apply.

PL 84-99
One law, six functions

Code 910-100	Disaster Preparedness
Code 910-200	Emergency Operations
Code 910-300	Rehabilitation
Code 910-400	Emergency Water/Drough
Code 910-500	Advance Measures
Code 910-600	Hazard Mitigation

Code 910-100
Disaster Preparedness

- Emergency manuals and brochures
- Exercises and training
- Equipment and supplies
- Emergency Management Branch staff support

Code 910-200
Emergency Operations

- Field investigations
- Flood response
- Post flood respons

Code 910-200
Field Investigations

- Early mobilization of Corps resources based on flood potential
- Corps can provide:
  - Technical assistance
  - Local coordination

Code 910-200 Flood Response

- Corps can provide flood fight assistance when the following criteria are met:
  - Rivers are at or above flood stage,
  - Local resources are fully used, and
  - Locals have requested assistance.

Code 910-200
Flood Response (cont.)

- Flood fight assistance is intended to be temporary, emergency measures necessary to meet an immediate threat to life or property.
- Corps flood fight assistance is 100% federally funded.
- Removal of all emergency measures is a local responsibility.

Code 910-200 Flood Response (typical actions)

Examples of assistance:

- Technical assistance
- Sandbags and pumps
- Emergency contracting

Code 910-200 Flood Response (typical actions cont.)

Examples of assistance

- Raise levees
- Remove debris
- Ice jam assistance

Seattle District Flood Basins Map

Code 910-200
Post Flood Response

- Provides federal assistance during the gap between the end of the flood and a presidential disaster declaration.
- Governor sends written request to Corps for post flood response concurrent with request to FEMA for disaster declaration.
- Limited to MAJOR flood events.
- Ten day limit from receipt of governor’s request.
- Presidential declaration or denial will not interrupt work.

Code 910-200
Post Flood Response (typical actions)

- Clearance of debris from channels, bridge openings, structures and roadways.
- Restoration of critical transportation routes.
- Other assistance to prevent loss of life or public property.

Code 910-300 Rehabilitation

The Corps will repair:

- Eligible non-federal flood control projects,
- Federally constructed flood control projects, and
- Federally constructed hurricane or shore protection projects damaged by coastal storm.

Code 910-300 Rehabilitation Repair considerations

- Need for repair work must not be a result of maintenance deficiencies.
- The work must be economically justified (positive benefit-to-cost ratio).
- Proposed rehabilitation to restore the original level of flood protection.
- Non-federal flood control structures: 80% federal, 20% local sponsor cost.

Code 910-300 Rehabilitation Repair considerations (cont.)

- Federal structures: 100% federal cost
- Real estate requirements
- Sign project cooperation agreement
- Betterments are local sponsor cost
- Environmental coordination

Rehabilitation Time Line

- Sponsor must submit request to Corps within 30 days after flood ends.
- Corps will prepare report within 40 days.
- Headquarters approval within 10 days.
- Commence construction within 60 days of approval.
- Goal: all repairs complete before next flood season.

Code 910-300 Rehabilitation Eligibility Criteria

- Public sponsorship for non-federal levees
- Structurally sound
- Level of protection
  - Urban levees: 10 years plus 2 feet freeboard
  - Agricultural: 5 years plus 1 foot freeboard
- No erosion problems

Code 910-300 Rehabilitation Eligibility Criteria

- Limited tree and brush growth
- 10- to 12-foot top width
- At least 3 feet in height
- Routine maintenance performed by sponsor
- Must be inspected by Corps and meet minimum
  eligibility requirements prior to flood.

Code 910-400
Emergency Water Assistance

- Request from governor required.
- To assist when water is contaminated or drought distressed area exists.

Code 910-500
Advance Measures

Activities performed prior to flooding. Protects against loss of life and damages to improved property due to flooding.

Eligibility criteria:

- Immediate threat of unusual flooding. (National Weather Service and Corps predictions)
- Letter from governor requesting assistance.
- Work must be economically justified.
- ABC’s required.
- Temporary works removed by local sponsor.

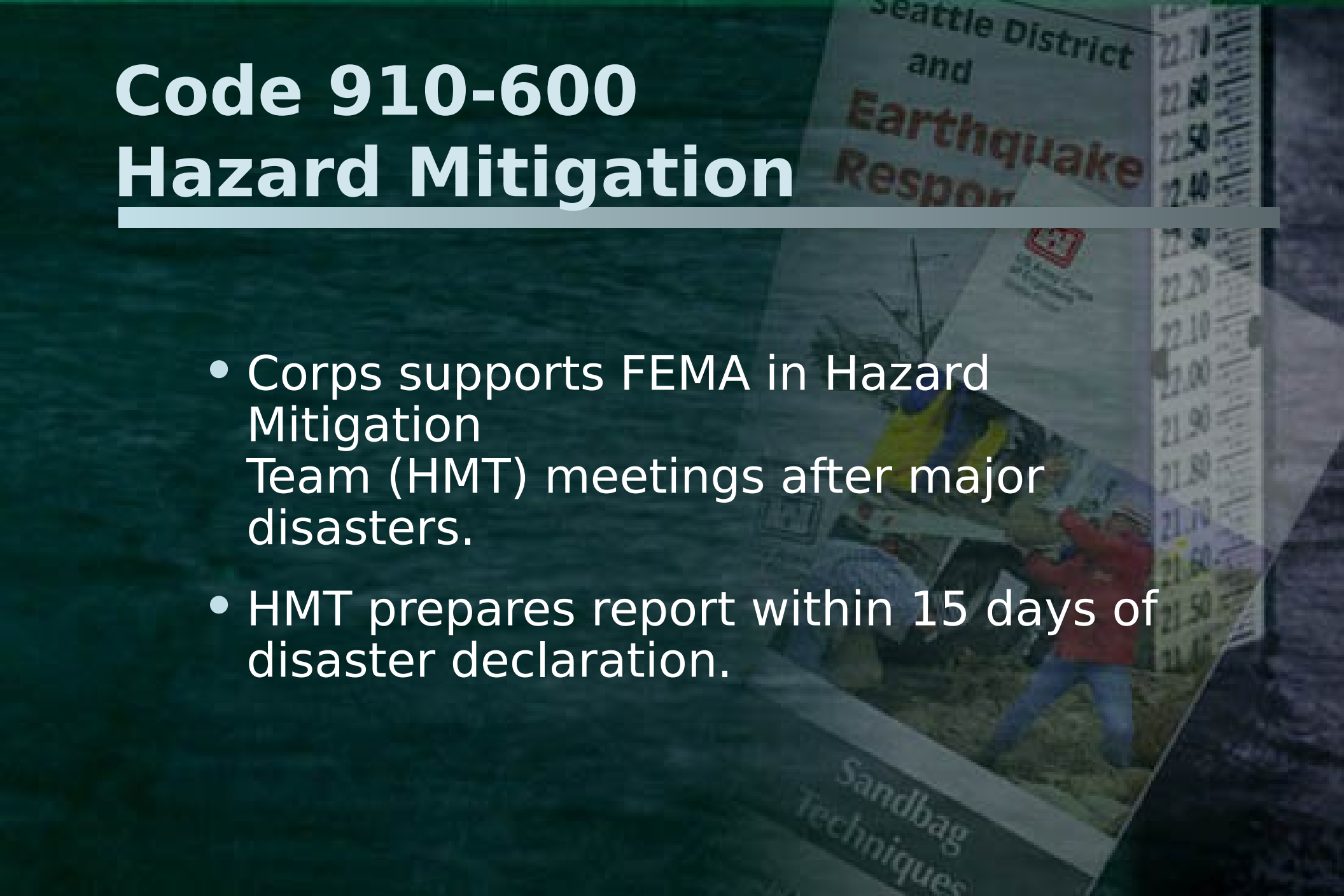
Code 910-500 Advance Measures (typical projects)

- Technical assistance
- Issuance of supplies (sandbags, pumps, etc.)

Code 910-500 Advance Measures (typical projects cont.)

- Clearing of channel obstructions
- Temporary levee construction
- Strengthening or raising of levees
- Shore protection

Code 910-600
Hazard Mitigation



- Corps supports FEMA in Hazard Mitigation
  Team (HMT) meetings after major disasters.
- HMT prepares report within 15 days of disaster declaration.

Other Authorities

- Section 14, Flood Control Act of 1946, as amended, Emergency Bank Protection.
- Section 208, Flood Control Act of 1954, as amended, Snagging and Clearing for Flood Control (navigable streams).
- Section 205, Flood Control Act of 1948, as amended, Small Flood Control Projects.